

PTO-1449 REPRODUCED

**INFORMATION DISCLOSURE STATEMENT
IN AN APPLICATION**

April 24, 2007

(Use several sheets if necessary)

ATTORNEY DOCKET NO.
4012.1000-003APPLICATION NO.
10/567,074FIRST NAMED INVENTOR
Stephen W. Scherer371(c) DATE
June 26, 2006EXAMINER
UnknownCONFIRMATION NO.
2296GROUP
Unknown
U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
/JG/	A1	6,825,328 B1	11-30-2004	Scherer <i>et al.</i>
/JG/	A2	2004/0241740 A1	12-02-2004	Scherer <i>et al.</i>

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO
/JG/	B1	WO 00/05405 A2	02-03-2000	Scherer, <i>et al.</i>	
/JG/	B2	WO 00/05405 A3	02-03-2000	Scherer, <i>et al.</i>	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/JG/	C1	Wojcik, S.F., <i>et al.</i> , "Cloning of Bovine Parathyroid Hormone-Related Protein (PTHrP) cDNA and Expression of PTHrP mRNA in the Bovine Mammary Gland," <i>J. Mol. Endocrinol.</i> , 20:271-280 (1998).
	C2	Serratos, J.M., <i>et al.</i> , "A Novel Protein Tyrosine Phosphatase Gene is Mutated in Progressive Myoclonus Epilepsy of the Lafora Type (EPM2)," <i>Human Molecular Genetics</i> 8(2):345-352 (1999).
	C3	Sainz, J., <i>et al.</i> , "Lafora Progressive Myoclonus Epilepsy: Narrowing the Chromosome 6q24 Locus by Recombinations and Homozygosities," <i>Am. J. Hum. Genet.</i> , 61:1205-1209 (1997).
	C4	Lehesjoki, Anna-Elina, "Molecular Background of Progressive Myoclonus Epilepsy," <i>THE EMBO Journal</i> 22(14):3473-3478 (2003).
	C5	Chan, E.M., <i>et al.</i> , "Mutations in NHLRC1 Cause Progressive Myoclonus Epilepsy," <i>Nature Genetics</i> 35(2):125-127 (2003).
	C6	Minassian, B.A., <i>et al.</i> , "Mutations in a Gene Encoding a Novel Protein Tyrosine Phosphatase Cause Progressive Myoclonus Epilepsy," <i>Nature Genetics</i> 20:171-174 (1998).
	C7	Chan, E.M., <i>et al.</i> , "Genetic Mapping of a New Lafora Progressive Myoclonus Epilepsy Locus (EPM2B) on 6p22," <i>J. Med. Genet.</i> , 40:671-675 (2003).
	C8	Minassian, B.A., <i>et al.</i> , "Progress Towards the Positional Cloning of a Gene for Lafora's Disease," <i>Neurology</i> 48:A428 (1997).

EXAMINER /Jeanine Goldberg/

DATE CONSIDERED 08/22/2008

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /JG/

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	EXAMINER Unknown	CONFIRMATION NO. 2296	GROUP Unknown	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
/JG/	C9	Database Sequence, GENBANK Accession No.: AK045746.
	C10	Database Sequence, GENBANK Accession No.: AL589723.
	C11	Database Sequence, GENBANK Accession No.: CAE62664.
	C12	Database Sequence, GENBANK Accession No.: AL023806.
	C13	Cavanagh, J.B., "Corpora-amylacea and the Family of Polyglucosan Diseases," <i>Brain Research Reviews</i> 29: 265-295 (1999).
	C14	Freemont, Paul S., "Ubiquitination: RING for Destruction?" <i>Current Biology</i> 10: R84-R87 (2000).
	C15	Fridell, Robert A., <i>et al.</i> , "Identification of a Novel Human Zinc Finger Protein that Specifically Interacts with the Activation Domain of Lentiviral Tat Proteins," <i>Virology</i> 209: 347-357 (1995).
	C16	Ganesh, Subramaniam, <i>et al.</i> , "Targeted Disruption of the <i>Epm2a</i> Gene Causes Formation of Lafora Inclusion Bodies, Neurodegeneration, Ataxia, Myoclonus Epilepsy and Impaired Behavioral Response in Mice," <i>Human Molecular Genetics</i> 11(11): 1251-1262 (2002).
	C17	Ganesh, Subramaniam, <i>et al.</i> , "Alternative Splicing Modulates Subcellular Localization of Laforin," <i>Biochemical and Biophysical Research Communications</i> 291: 1134-1137 (2002).
	C18	Ganesh, Subramaniam, <i>et al.</i> , "Laforin, Defective in the Progressive Myoclonus Epilepsy of Lafora Type, is a Dual-Specificity Phosphatase Associated with Polyribosomes," <i>Human Molecular Genetics</i> 9(15): 2251-2261 (2000).
	C19	Hatakeyama, Shigetsugu, and Nakayama, Kei-ichi I., "U-box Proteins as a New Family of Ubiquitin Ligases," <i>Biochemical and Biophysical Research Communications</i> 302: 635-645 (2003).
	C20	Ianzano, Leonarda, <i>et al.</i> , "Identification of a Novel Protein Interacting with Laforin, the <i>EPM2A</i> Progressive Myoclonus Epilepsy Gene Product," <i>Genomics</i> 81: 579-587 (2003).
	C21	Jackson, Peter K., <i>et al.</i> , "The Lore of the RINGs: Substrate Recognition and Catalysis by Ubiquitin Ligases," <i>Cell Biology</i> 10: 429-439 (2000).
	C22	Laloti, Maria D., <i>et al.</i> , "Dodecamer Repeat Expansion in Cystatin B Gene in Progressive Myoclonus Epilepsy," <i>Nature</i> 386: 847-851 (1997).
	C23	Licht, Barbara G., <i>et al.</i> , "Clinical Presentations of Naturally Occurring Canine Seizures: Similarities to Human Seizures," <i>Epilepsy & Behavior</i> 3: 460-470 (2002).
✓	C24	Lossos, Alexander, M.D., <i>et al.</i> , "Adult Polyglucosan Body Disease in Ashkenazi Jewish Patients Carrying the TYR ³²⁹ Ser Mutation in the Glycogen-Branching Enzyme Gene," <i>Annals of</i>

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		<i>Neurology</i> , 44(6): 867-872 (1998).
/JG/	C25	Minassian, B.A., M.D., <i>et al.</i> "Mutation Spectrum and Predicted Function of Laforin in Lafora's Progressive Myoclonus Epilepsy," <i>Neurology</i> 55: 341-346 (2000).
	C26	Minassian, Berge A., <i>et al.</i> , "Laforin is a Cell Membrane and Endoplasmic Reticulum-Associated Protein Tyrosine Phosphatase," <i>Annals of Neurology</i> 49(2): 271-275 (2001).
	C27	Minassian, Berge A., M.D., <i>et al.</i> , "Genetic Locus Heterogeneity in Lafora's Progressive Myoclonus Epilepsy," <i>Annals of Neurology</i> 5(2): 262-265 (1999).
	C28	Schoeman, Tanya, <i>et al.</i> , "Polyglucosan Storage Disease in a Dog Resembling Lafora's Disease," <i>J. Vet. Intern. Med.</i> 16: 201-207 (2002).
	C29	Thon, Vicki J., <i>et al.</i> , "Isolation of Human Glycogen Branching Enzyme cDNAs by Screening Complementation in Yeast," <i>The Journal of Biological Chemistry</i> , 268(10): 7509-7513 (1993).
	C30	Weinhausel, Andreas, <i>et al.</i> , "DNA Deamination Enables Direct PCR Amplification of the Cystatin B (CSTB) Gene-Associated Dodecamer Repeat Expansion in Myoclonus Epilepsy Type Unverricht-Lundborg," <i>Human Mutation</i> 22: 404-408 (2003).

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